



Patent
Attorney's Docket No. 028723-020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Joe W. GRAY et al)
Application No.: 08/312,914) Group Art Unit: 1807
Filed: September 30, 1994) Examiner: A. Marschel
For: CHROMOSOME-SPECIFIC)
STAINING TO DETECT)
GENETIC REARRANGEMENTS)

RECEIVED
JAN 4 1994
GROUP 1800

#28
D.G.J.
1/9/95

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited was cited by Applicants or the Examiner in Application No. 07/627,707 upon which is based a claim for priority under 35 U.S.C. §1.20.

Ardeshir et al, "Structure of Amplified DNA in Different Syrian Hamster Cell Lines Resistant to *N*-(Phosphonacetyl)-L-Aspartate," Mol. and Cell. Biology, Vol. 3, No. 11, pp. 2076-2088 (Nov. 1983)

Bar-Am et al, "Detection of Amplified DNA Sequences in Human Tumor Cell Lines by Fluorescence In Situ Hybridization," Genes, Chromosomes & Cancer, Vol. 4, 1992, pp. 314-320

Collins and Weissman, "Directional cloning of DNA fragments at a large distance from an initial probe: A circularization method", PNAS (USA), 81: 6812-6816 (November 1984)

Erikson et al, "Heterogeneity of Chromosome 22 Breakpoint in Philadelphia-positive (Ph⁺) Acute Lymphocytic Leukemia," PNAS, USA, Vol. 83, March 1986, pp. 1807-1811

Fisher et al, "Adhesive and Degradative Properties of Human Placental Cytotrophoblast Cells In Vitro," J. Cell Biol., Vol. 109, No. 2, 1989, pp. 891-902

Fisher et al, "Molecular Hybridization Under Conditions of High Stringency Permits Cloned DNA Segments Containing Reiterated DNA Sequences to be Assigned to Specific Chromosomal Locations," PNAS, USA, Vol. 81, pp. 520-524 (Jan. 1984)

Grunstein et al, "Colony Hybridization: A Method for the Isolation of Cloned DNAs That Contain A Specific Gene," PNAS, USA, Vol. 72, No. 10, Oct. 1975, pp. 3961-3965

Hood et al, Molecular Biology of Eucaryotic Cells, W. A. Benjamin, Inc., Menlo Park, CA, pgs. 47-51 (1975)

Landegren et al, "DNA Diagnostics -- Molecular Techniques and Automation," Science, Vol. 242, Oct. 1988, pp. 229-237

Litt et al, "A Highly Polymorphic Locus in Human DNA Revealed by Cosmid-Derived Probes," PNAS, USA, Vol. 82, pp. 6206-6210 (Sept. 1985)

LLNL, "Fluorescent Labeling of Human Chromosomes with Recombinant DNA Probes," Energy & Tech. Review, July 1985, pp. 84-85

Roelofs et al, "Gene Amplification in Human Cells May Involve Interchromosomal Transposition and Persistence of the Original DNA Region," The New Biologist, Vol. 4, No. 1, (Jan. 1992), pp. 75-86

Smith et al, "Distinctive Chromosomal Structures Are Formed Very Early in the Amplification of CAD Genes in Syrian Hamster Cells," Cell, Vol. 63, (Dec. 21, 1990), pp. 1219-1227

Thompson et al, Thompson & Thompson: Genetics in Medicine, 5th ed., W.B. Saunders Co., Philadelphia, PA, pages 38-39 (1991)

Trask et al, "Early Dihydrofolate Reductase Gene Amplification Events in CHO Cells Usually Occur on the Same Chromosome Arm as the Original Locus," Genes & Development, Vol. 3, (1989), pp. 1913-1925

Weiss et al, "Organization and Evolution of the Class I Gene Family in the Major Histocompatibility Complex of the C57BL/10 Mouse," Nature, Vol. 310, No. 23, pp. 650-655 (Aug. 1984)

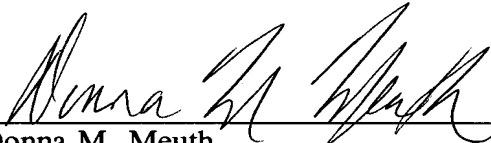
Windle et al, "A Central Role for Chromosome Breakage in Gene Amplification, Deletion Formation, and Amplicon Integration," Genes & Development, Vol. 5, (1991), pp. 160-174

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialled copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS

By: 
Donna M. Meuth
Registration No. 36,607

699 Prince Street
Alexandria, VA 22314-3187
Phone: (703) 836-6620

Date: December 30, 1994